

## STRICTLY NON-INTERFERING NETWORK

Abstract of the Disclosure

5           A network includes a master subnet manager (404), where the master subnet manager is coupled to provide network topology data (405). Network also includes a requested traffic pattern (403) for a packet (408). Network further includes a connection controller (402), where the connection controller is coupled to receive the requested traffic pattern and the network topology data, compute an actual traffic pattern (412) for the  
10 packet and communicate the actual traffic pattern to a source (406) corresponding to the packet such that the network operates as a strictly non-interfering network (419).